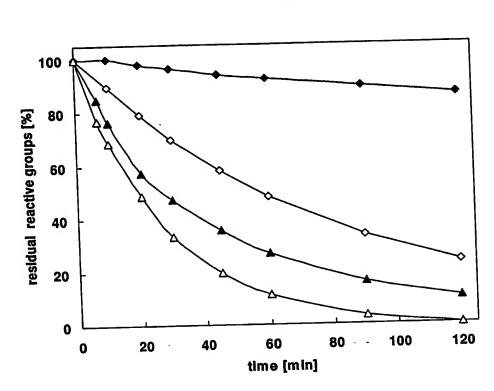
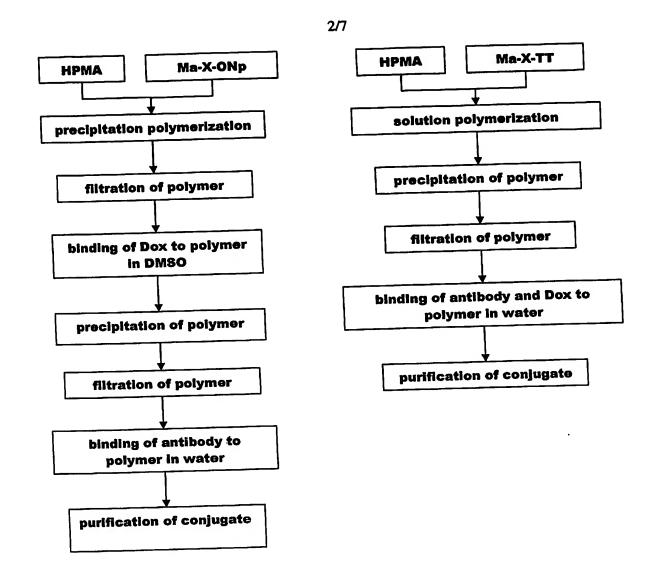
1/7



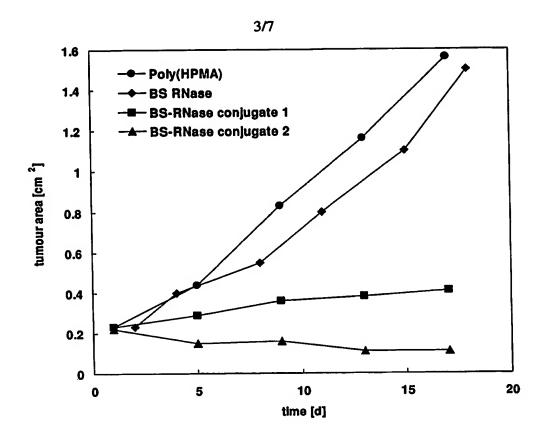
A comparison of rates of hydrolysis and aminolysis of copolymers P-Akap-TT and P-GlyGly-ONp in HEPES buffer at pH 8.0,  $\blacklozenge$  P-Akap-TT hydrolysis,  $\Diamond$  P-Akap-TT aminolysis,  $\blacktriangle$  P-GlyGly-ONp hydrolysis,  $\Delta$  P-GlyGly-ONp aminolysis

Fig. 1



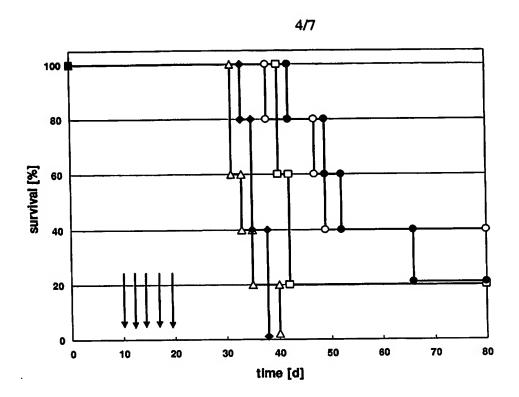
A comparison of synthesis of polymers with TT and ONp groups (X is an oligopeptide spacer between polymer and drug)

Fig. 2



Biological activity of classic BS-RNase conjugate 1 and star BS-RNase conjugate 2 in treatment of human melanoma in nu-nu mice

Fig. 3



Survival periods of experimental mice in therapeutical mode treated with conjugates prepared according to Examples 5 and 6

 $\Delta$  control, ◆ DOX, □ P-Gly-DL-PheLeuGly-DOX o P-Gly-DL-PheLeuGly-DOX(hIgG), ◆ P-GlyPheLeuGly-DOX(hIgG)

Fig. 4

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Structure I

Structure II

$$\begin{array}{c|c} CH_3 & CH_3 \\ \hline CH_2 & C \\ \hline CO \\ NH \\ CH_2 \\ \hline CH - OH \\ \hline CH_3 \\ \end{array}$$

X - amino acid or oligopeptide residue

Structure III

Structure IV

Fig. 5

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## Structure VI

Fig. 6

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Structure VII

Structure VIII

$$\begin{array}{c|c} CH_3 \\ CH_2 \\ CO \\ NH \\ CH_2 \\ CH \\ CH_3 \\ CH_4 \\ CH_5 \\$$

Fig. 7